

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	22	"5576030"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/13 08:07
L3	21	"5116216"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/13 08:52
L4	5	09/731945	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/13 08:52
L5	6815	(264/511,510,257,258,102).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/13 09:37
S1	2	("5576030" "5116216").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/20 12:20
S2	1760	(264/511,553,571).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/13 09:36
S3	263	S2 and (bag bags bagging)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/08 15:36
S4	14	("2913036"   "3309450"   "3575756"   "3703422"   "4238437"   "4311661"   "4353862"   "4562033"   "4622091"   "4873044").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/08 15:29
S5	36	("4562033").URPN.	USPAT	OR	OFF	2007/03/08 15:29
S6	36	("2739350"   "2913036"   "2977269"   "3382125"   "3553054"   "3575756"   "3775214"   "4062917"   "4068704"   "4097977"   "4128375"   "4132755"   "4133626"   "4311661"   "4330250"   "4560523"   "4562033"   "4622091"   "4759893"   "4836765"   "4853170"   "4902215"   "4942013"   "5000990"   "5013514"   "5108532"   "5152949"   "5169590"   "5366684"   "5439635").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/08 15:31
S7	15	("2913036"   "2983638"   "3309450"   "3311517"   "3703422"   "4311661"   "4562033"   "4873044"   "4942013"   "4975311").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/08 15:35
S8	115	S2 and (bag bags bagging) with (second two outer)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/08 15:36
S9	48	("3666600").URPN.	USPAT	OR	OFF	2007/03/08 15:39

## EAST Search History

S10	14	("1909444"   "2054864"   "2331296"   "2923978"   "2969299"   "3666600"   "3787546").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/08 15:44
S11	5	("4165358").URPN.	USPAT	OR	OFF	2007/03/08 15:45
S12	14	("3983282" "4622091" "4902215" "4942013" "5052906" "5316462" "5439635" "5441692" "5601852" "5702663" "5721034" "5904972" "5939013" "5958325").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/20 09:27
S13	1	("4132755").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/20 09:39
S14	2	("5576030" "5116216").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/20 09:39
S15	4604	(264/510,511,252,258,102).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/20 12:22
S16	14777	vacuum with bag\$5	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/30 09:33
S17	0	S16 and vacuum with (pull\$4 draw\$5) with resin with into	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/30 09:34
S18	307	S16 and vacuum with (pull\$4 draw\$4) with resin	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/30 09:35
S19	7	("1211487"   "1335124"   "3202561"   "3769132").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/30 09:43
S20	19	("4357193").URPN.	USPAT	OR	OFF	2007/07/30 09:44
S21	39	("2517090"   "2531218"   "2794756"   "2977269"   "4312829"   "4359437"   "4560523"   "4609519"   "4765942"   "4808362"   "4816106"   "4824509"   "4883632"   "4902215"   "4915896"   "4942013"   "5013514"   "5152949"   "5176777"   "5348602"   "5374388"   "5403537"   "5441692"   "5464337"   "5500164"   "5545026"   "5576030"   "5578158"   "5679388"   "5702663"   "5795536"   "5928597"   "5971742"   "6007917"   "6149844").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/30 10:06

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S22	38	("2517090"   "2531218"   "2794756"   "2977269"   "4312829"   "4359437"   "4560523"   "4609519"   "4765942"   "4808362"   "4816106"   "4824509"   "4883632"   "4902215"   "4915896"   "4942013"   "5013514"   "5152949"   "5176777"   "5348602"   "5374388"   "5403537"   "5464337"   "5500164"   "5545026"   "5576030"   "5578158"   "5679388"   "5702663"   "5795536"   "5928597"   "5971742"   "6007917"   "6149844").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/30 10:20
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## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	831	(double adj bag\$5 two near5 bag\$6 second near5 bag\$6) and composite\$2 same (fiber\$2 fibrous)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/12 15:06
S2	442	(double adj bag\$5 two near5 bag\$6 second near5 bag\$6) and composite\$2 same (fiber\$2 fibrous) and vacuum	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/10 14:56
S3	1404	(double adj bag\$5 two near5 bag\$6 second near5 bag\$6 second near5 membrane\$2 two near5 membrane\$2) and composite\$2 same (fiber\$2 fibrous) and vacuum	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/10 14:57
S4	767	(double adj bag\$5 two near5 bag\$6 second near5 bag\$6 second near5 membrane\$2 two near5 membrane\$2) and composite\$2 same (fiber\$2 fibrous) and vacuum and resin	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/10 15:03
S5	14	("4869770").URPN.	USPAT	OR	OFF	2007/08/10 15:16
S6	4	("3429023"   "4556591"   "4786343").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/10 15:29
S7	11	("3429023").URPN.	USPAT	OR	OFF	2007/08/10 15:31
S8	7	("3429023"   "3713753"   "3883267"   "4316700"   "4407635"   "4696623").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/10 15:32
S9	16	("2175204"   "2202013"   "2202014"   "2380336"   "2414125"   "2995777"   "3021246"   "3237697").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/10 15:33
S10	7	("2202014").URPN.	USPAT	OR	OFF	2007/08/10 15:34
S11	16	("2175204"   "2202013"   "2202014"   "2380336"   "2414125"   "2995777"   "3021246"   "3237697").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/10 15:34
S12	37	("3713753").URPN.	USPAT	OR	OFF	2007/08/10 15:34
S13	14	("2514888"   "3028292"   "3713753"   "3768760"   "3962506"   "4031289"   "4037988"   "4098559"   "4232844"   "4389162"   "4627791"   "4741943").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/10 15:36
S14	16	("1930285"   "2540482"   "2734586"   "3028292"   "3450374"   "3528753"   "3713753"   "3768760"   "3771748"   "3779487").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/10 15:39

## EAST Search History

S15	13	("3028292"   "3097982"   "3476484"   "3477796"   "3484174"   "3528753"   "3713753").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/10 15:40
S16	11	("3097982").URPN.	USPAT	OR	OFF	2007/08/10 15:41
S17	37	("2477852"   "2720948"   "2728479"   "2793718"   "2839442"   "2870857"   "3013584"   "3079876"   "3097982"   "3150030"   "3335903"   "3438839"   "3450593"   "3490973"   "3553054"   "3661294"   "3700522"   "3703422"   "3815215"   "3925132").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/10 15:42
S18	14	("4053667").URPN.	USPAT	OR	OFF	2007/08/10 15:43
S19	29	("2482798"   "2630868"   "2693922"   "2925231"   "3021246"   "3063398"   "3078202"   "3097982"   "3119333"   "3123907"   "3145000"   "3155348"   "3217807"   "3519228"   "3780969").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/10 15:44
S20	14	("3910531").URPN.	USPAT	OR	OFF	2007/08/10 15:46
S21	32	("3484174").URPN.	USPAT	OR	OFF	2007/08/10 15:50
S22	15	("2913036"   "2983638"   "3309450"   "3311517"   "3703422"   "4311661"   "4562033"   "4873044"   "4942013"   "4975311").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/10 15:55
S23	31	("3703422").URPN.	USPAT	OR	OFF	2007/08/10 15:56
S24	10	("3666600"   "3703422"   "3861977"   "3972766"   "4267147"   "4608220"   "4882118"   "4915896").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/10 15:57
S25	13	("3837965"   "4180426"   "4283242"   "4357193"   "4407685"   "4421589"   "4504341"   "4652319"   "4681651"   "4765942"   "4944822"   "5116216").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/10 16:02
S26	12	("3575772"   "3657044"   "3839129"   "3910806"   "3984598"   "3990924"   "4029845"   "4083205"   "4105734"   "4194938"   "4231830").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/10 16:02
S27	7	("1211487"   "1335124"   "3202561"   "3769132").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/10 16:13
S28	19	("4357193").URPN.	USPAT	OR	OFF	2007/08/10 16:14

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S29	35	("20030011104"   "20030025231"   "3652380"   "3837965"   "4201823"   "4312829"   "4357193"   "4492607"   "4681651"   "4842670"   "4942013"   "5052906"   "5052923"   "5087193"   "5116216"   "5152949"   "5204042"   "5236646"   "5281388"   "5322665"   "5425628"   "5442156"   "5492466"   "5567381"   "5591369"   "5591370"   "5702663"   "5814175"   "5863452"   "6017484"   "6018614"   "6159414"   "6406659"   "6497786").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/10 16:14
S30	36	("2739350"   "2913036"   "2977269"   "3382125"   "3553054"   "3575756"   "3775214"   "4062917"   "4068704"   "4097977"   "4128375"   "4132755"   "4133626"   "4311661"   "4330250"   "4560523"   "4562033"   "4622091"   "4759893"   "4836765"   "4853170"   "4902215"   "4942013"   "5000990"   "5013514"   "5108532"   "5152949"   "5169590"   "5366684"   "5439635").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/10 16:15
S31	10	("3523152"   "3575756"   "3666600"   "3703422"   "3790432"   "4201823").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/10 16:16
S32	5	("2923978"   "3899967"   "3954931"   "3962394").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/10 16:17
S33	15	("3322598"   "3405019"   "3453166"   "3475867"   "3493451"   "3554834"   "3681171"   "4104099").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/10 16:20
S34	8	("2913036"   "4132755"   "4622091"   "4816106"   "4902215"   "4942013"   "5281388").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/10 16:23
S35	21	("5576030").URPN.	USPAT	OR	OFF	2007/08/10 16:23

## EAST Search History

S36	39	("2517090"   "2531218"   "2794756"   "2977269"   "4312829"   "4359437"   "4560523"   "4609519"   "4765942"   "4808362"   "4816106"   "4824509"   "4883632"   "4902215"   "4915896"   "4942013"   "5013514"   "5152949"   "5176777"   "5348602"   "5374388"   "5403537"   "5441692"   "5464337"   "5500164"   "5545026"   "5576030"   "5578158"   "5679388"   "5702663"   "5795536"   "5928597"   "5971742"   "6007917"   "6149844").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/10 16:25
S37	8	("4267142"   "4902215"   "4942013"   "5052906"   "5316462"   "5702663"   "5885513"   "6406659").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/10 16:28
S38	3	("6586054").URPN.	USPAT	OR	OFF	2007/08/10 16:29
S39	831	(double adj bag\$5 two near5 bag\$6 second near5 bag\$6) and composite\$2 same (fiber\$2 fibrous)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/12 15:07
S40	388	S39 and ratio	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/12 15:06
S41	5814	(two second) and composite\$2 and (fiber\$2 fibrous) and ratio\$2 with (pressure\$2 vacuum)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/12 15:08
S42	3233	(two second) and composite\$2 and (fiber\$2 fibrous) and ratio\$2 with (pressure\$2 vacuum) and vacuum	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/12 15:09
S43	1500	(two second) and composite\$2 same (fiber\$2 fibrous) and ratio\$2 with (pressure\$2 vacuum) and vacuum	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/12 15:11
S44	299	(two second) same (bag bags membrane\$2) and composite\$2 same (fiber\$2 fibrous) and ratio\$2 with (pressure\$2 vacuum) and vacuum	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/12 15:11
S45	5	("5071338"   "5242523"   "5520532"   "5683646"   "5773047").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/12 15:15
S46	3	("5071338"   "5087187"   "5152949").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/12 15:15

## EAST Search History

S47	8	("4622091"   "4842670"   "4873044"   "4878979"   "4942013"   "5131834"   "5152949"   "5433165").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/12 15:24
S48	78	("2495640"   "2541297"   "2617126"   "2903389"   "2913036"   "2993822"   "3028284"   "3137750"   "3192297"   "3309450"   "3368293"   "3410936"   "3442998"   "3479666"   "3675294"   "3711581"   "3761560"   "3773581"   "3934064"   "3940524"   "3954931"   "3961014"   "3962394"   "4044188"   "4062917"   "4069290"   "4088525"   "4098856"   "4099280"   "4120632"   "4123488"   "4207282"   "4229497"   "4234633"   "4312829"   "4353964"   "4636422"   "4693678"   "4755341"   "4762740"   "4780262"   "4786347"   "4824631"   "4902215"   "4910067"   "4940558"   "5035602"   "5036789"   "5045251"   "5052906"   "5059377"   "5071338"   "5087193"   "5106568"   "5126091"   "5131834"   "5151277"   "5152949"   "5183619"   "5204033"   "5204042"   "5217669"   "5266249"   "5286438").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/12 15:24
S49	4	("2992956"   "3681483"   "4017238").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/12 15:27
S50	16	("4353964").URPN.	USPAT	OR	OFF	2007/08/12 15:27
S51	32	("2977269"   "3837965"   "3975479"   "4007245"   "4062917"   "4180426"   "4283242"   "4353964"   "4357193"   "4407685"   "4421589"   "4504341"   "4562033"   "4622091"   "4652319"   "4681651"   "4693678"   "4765942"   "4816106"   "4828472"   "4944822"   "5013514"   "5037599"   "5116216"   "5122176"   "5236646"   "5242651"   "5261993"   "5458719"   "H000565").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/12 15:27
S52	13	("3837965"   "4180426"   "4283242"   "4357193"   "4407685"   "4421589"   "4504341"   "4652319"   "4681651"   "4765942"   "4944822"   "5116216").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/12 15:31



## EAST Search History

S53	1	("6406659").pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/12 16:07
S54	1346	fiber\$2 same composite\$2 and tackifi\$8	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/12 16:14
S55	413	fiber\$2 same composite\$2 and tackifi\$8 same (fibrous fiber\$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/12 16:14
S56	255	S55 and vacuum	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/12 16:14
S57	50	S55 and vacuum with bag\$6	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/12 16:18
S58	2	(fibrous fiber\$2) same composite\$2 and vacuum with bag\$6 and tilt\$5 same flow\$4 with resin	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/12 16:19
S59	45	composite\$2 and vacuum with bag\$6 and tilt\$5 same flow\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/12 16:19
S60	6	composite\$2 and vacuum with bag\$6 and tilt\$5 same resin	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/12 16:20
S61	1120	vacuum with bag\$6 and tilt\$5	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/12 16:22
S62	214	S61 and resin\$2 and flow\$5	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/12 16:20
S63	345	vacuum with bag\$6 and resin with flow\$5 same (up upward\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/12 16:26
S64	5	09/731945	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/12 16:28
S65	0	breather with fibrous with preform	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/12 16:29
S66	10	breather with preform	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/12 16:29
S67	58	breather with fibrous	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/12 16:29

## EAST Search History

S68	124	breather same fibers	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/12 16:37
S69	56	S68 and composite\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/12 16:34
S70	154	breather with resin	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/12 16:41
S71	4	("4062917" "4492607" "4681718" "4988469").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/12 16:41